

**Notice of Allowability**

Application No.

10/648,620

Examiner

Granvill D Lee, Jr

Applicant(s)

OKAZAKI, JUN

Art Unit

2825

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to 8/25/03.
2. ☒ The allowed claim(s) is/are 7-12.
3. ☒ The drawings filed on 25 August 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

## **DETAILED ACTION**

### ***Response to Pre-Amendment***

The pre-amendment filed on 8/25/03 has been received and acknowledged to be found persuasive in view of the prior art of record.

### ***Allowable Subject Matter***

Claims 7-12 are allowed.

### ***Reasons for Allowance***

The following is an examiner's statement of reasons for allowance: The prior art of record does not describe or suggest *inter alia* the invention of a process of manufacturing a clip-type LED comprising the steps of accommodating a LED element in a tubular vessel; closely adhering the vessel to an adhesive tape to seal an upper opening of the vessel with the tape, then adding dropwise a light-transmissive resin through a lower opening of the vessel; and peeling off the adhesive tape from the vessel as claimed, or inserting a first and second lead frame (prior to LED step) as claimed in claims 8 and 9, or forming a first wiring trace and a second wiring trace on a rear surface of an insulating substrate having a bore penetrating from a front surface to the rear surface so that the first and second wiring traces are partially extend into a rear opening of the bore, as claimed in claim 10 (prior to LED step). The claims, therefore define over the prior art. Any comments considered necessary by applicant must be submitted no later than the payments of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled  
"Comments on Statement of Reasons for Allowance."

**Contact Information**

Any inquiry concerning this communication or earlier  
communications for the examiner should be directed to Granvill Lee  
whose telephone number is (571) 272-1897. The examiner can be  
normally reached on Monday thru Thursday from 7:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are not successful,  
the examiner's supervisor, Matthew Smith can be reached on (571) 272-  
1907. The fax phone number for this group is (703) 872-9306.

Information regarding the status of an application may be obtained from  
the Patent Application Information Retrieval (PAIR) system. Status information  
for published applications may be obtained from either Private PAIR or Public  
PAIR. Status information for unpublished applications is available through  
Private PAIR only. For more information about the PAIR system, see  
<http://pair-direct.uspto.gov>. Should you have questions on access to the  
Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-  
9197 (toll-free).

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9/14/04

Examiner  
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Art Unit 2825



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